



SECTION 802

MULCHING

802.1 Description. This work shall consist of applying vegetative mulch and a specified stabilization covering as indicated in the contract.

802.2 Material.

802.2.1 Vegetative Mulch. Vegetative mulch shall be prairie hay or straw from oats, rye, wheat or barley. Prairie hay shall consist of any combination of any of the following plants: Big Bluestem, Little Bluestem, Indiangrass, Sideoats Grama and native wildflowers. Mulch shall be free of prohibited weed seed as stated in the Missouri Seed Law and shall be relatively free of all other noxious and undesirable seed. The mulch shall be clean and bright, relatively free of foreign material and shall be dry enough to spread properly.

802.2.2 Mulch Overspray. Mulch overspray shall be either virgin wood cellulose fibers or recycled paper mulch. The mulch shall be produced by either the ground or cooked fiber process, shall not be water soluble and shall have the following properties:

Property	Requirement
Moisture Content, percent by weight (mass), max	15
Organic Matter-Wood Fiber, percent by weight (mass), min	80
pH	4.3-8.5

802.2.3 Certification. The contractor shall furnish a certification for mulch and a manufacturer's certification that the mulch overspray material are in accordance with these specifications.

802.3 Construction Requirements. All seeded areas shall be mulched. Disturbed areas outside of authorized construction limits shall be mulched at the contractor's expense.

802.3.1 Application. Vegetative mulch shall be applied at a minimum rate of 2 1/2 tons per acre (5.5 Mg/ha). All mulch shall be distributed evenly within 24 hours following the seeding operation. Following the mulching operation, precautions shall be taken to prohibit foot or vehicular traffic over the mulched area. Any mulch that is displaced shall be replaced at once, but only after the work preceding the mulching which was damaged as a result of the displacement has been repaired to the satisfaction of the engineer. . The contractor may use erosion control blankets in lieu of mulch.

802.3.2 Stabilization. Vegetative mulch shall be secured from movement by either mulch overspray or embedment as indicated in the contract documents, or other methods as approved by the engineer.

802.3.2.1 Mulch Overspray. Mulch overspray shall be applied over the vegetative mulch as a separate operation. Mulch overspray shall be applied in accordance with the manufacturer's recommendations at a minimum rate of 750 pounds per acre (840 kg/ha).

802.3.2.2 Vegetative Mulch Embedment. Mulch shall be embedded in the soil a sufficient depth to prevent the loss of mulch by wind or water erosion and approximately parallel to the roadbed grade.

802.4 Method of Measurement. This item will not be measured for payment.

802.5 Basis of Payment. No direct payment will be made for providing and securing mulch. The accepted quantities of mulch will be considered completely covered by the contract unit price for seeding.

802.5.1 No direct payment will be made for maintaining mulch prior to acceptance for maintenance. On previously accepted mulched areas, the engineer may authorize areas to be repaired in accordance with [Sec 104.3](#).

802.5.2 No additional payment will be made for erosion control blankets used in lieu of mulch at the contractor's option.